

L35 ANSWER 192 OF 272 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1992:190642 HCAPLUS Full-text
 DOCUMENT NUMBER: 116:190642
 TITLE: Protein precipitation reagent, especially for immunoassays
 INVENTOR(S): Meucci, Victoria P.; Zajac, Mariola B.; Simpson, Elizabeth A.
 PATENT ASSIGNEE(S): Abbott Laboratories, USA
 SOURCE: Eur. Pat. Appl., 10 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 471295	A1	19920219	EP 1991-113331	19910808
EP 471295	B1	19951108		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE				
US 5135875	A	19920804	US 1990-567853	19900815
CA 2048314	AA	19920216	CA 1991-2048314	19910801
AT 130095	E	19951115	AT 1991-113331	19910808
ES 2082059	T3	19960316	ES 1991-113331	19910808
AU 9182472	A1	19920220	AU 1991-82472	19910814
AU 642522	B2	19931021		
JP 04233460	A2	19920821	JP 1991-205211	19910815

PRIORITY APPLN. INFO.: US 1990-567853 A 19900815

AB A pptn. reagent is provided for use in detn. of hydrophobic analytes in a biol. test sample, especially anal. systems employing specific-binding proteins for such analytes. The reagent ppts. interfering proteins, Hb, and other interfering substances from a biol. test sample while, at the same time, maintaining hydrophobic analytes in solution and minimizing the denaturation of specific-binding proteins, e.g. antibodies, which may be present in an immunoassay system. The precipitation reagent comprises a Zn salt, a glycol, and a C1-4 straight- or branched-chain alc., and may optionally contain an acid. A fluorescence polarization assay for cyclosporine is described which uses a serum precipitation reagent containing ZnSO4 in an aqueous diluent with ethylene glycol, methanol, and 5-sulfosalicylic acid. The sensitivity of the assay is 15.0 ng/mL cyclosporine and metabolites. When compared to an available RIA using 60 clin. samples, regression anal. gave a slope of 0.947, an intercept of 7.15, and a correlation coefficient of 0.969.

IT 59865-13-3DP, Cyclosporine, determination of, by fluorescence-polarization immunoassay, reagent for precipitation of interfering proteins in

RL: SPN (Synthetic preparation); PREP (Preparation)

-(preparation of)

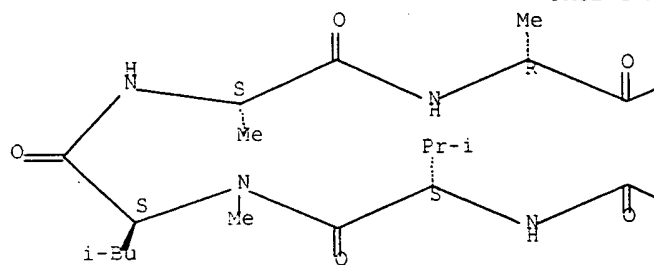
RN 59865-13-3 HCAPLUS

CN Cyclosporin A (9CI) (CA INDEX NAME)

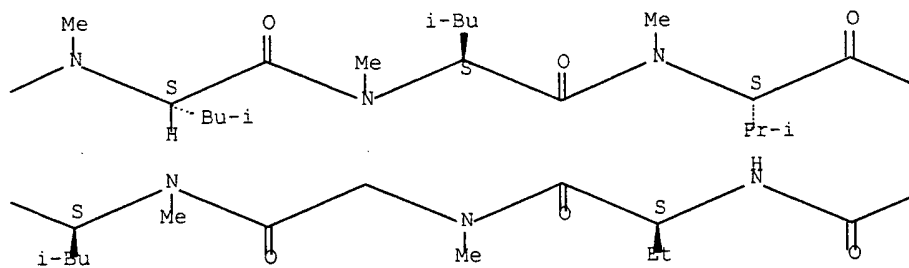
Absolute stereochemistry.

Double bond geometry as shown.

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